

Abstract

The invention relates to a toy vehicle having steerable wheels, to a steering mechanism for such a vehicle, and to a steering module incorporated in the steering mechanism. The steering module includes a coil having a first end and a second end with a central axis extending between the first and second ends thereof, a bar disposed adjacent the first end of the coil and mounted along a substantially linear axis generally perpendicular to the central axis of the coil. The coil and the bar are mounted to be moveable relative to each other. The bar includes first and second magnets mounted on the bar along the substantially linear axis. The first and second magnets each include a north pole and a south pole, with the north pole of the first magnet facing the first end of the coil and the south pole of the second magnet facing the first end of the coil. The steering mechanism is compact in size with few parts. Further, the steering module is adaptable for use with toy cars of very small size, and the module can be installed at a variety of positions on the toy vehicle.

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